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AT&T

VIA FEDERAL EXPRESS

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Berkeley Heights, NJ 07922-2727
201 771-2000

109132

Ms. Donna McCartney
U.S. Environmental Protection Agency
Region III
841 Chestnut Building
Philadelphia, PA 19107

Re: C&D Recycling Site
Foster Township, PA

Dear Donna:

Enclosed are five (5) copies of the monthly progress report pertaining to the Remedial Investigation and Feasibility Study at the C&D Recycling Site. The report was prepared by Fred C. Hart Associates, Inc.

Please contact me if you have any questions regarding the report.

Sincerely,

A handwritten signature in cursive script that reads "J. T. Chikowski".

J. T. Chikowski
Senior Engineer

Enc.

AR200168

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C&D RECYCLING SITE
PROJECT STATUS REPORT
NUMBER 13

PERIOD COVERING: 2-25-89 to 3-31-89

PREPARED BY: William Neubeck/Hal Hatfield

DATE: 3/31/89

HART PROJECT NUMBER: 01023-18 00009-00

TASK NO: 10 DESCRIPTION: Activities related to the RI.

ACTION THIS PERIOD:

Results were received from analysis of material sampled from a drum found in the old milk house building. Results have been validated by HART. A summary of valid results and the laboratory reports are attached.

A sample from the 1,000 gal. wash water tank was collected and submitted to Stout Environmental along with a completed Waste Characterization Form. Once the sample is analyzed to determine the treatment method, the wash water will be removed from the site for treatment.

The following personnel changes occurred at HART during this period: James Blasting has left HART. The management aspects of this program will now be handled by Stephen F. Urschel (Assistant Project Manager). The technical lead for this project has been assumed by William S. Neubeck, CPG (Senior Project Manager).

PROBLEMS ENCOUNTERED/RESOLVED:

None.

SCOPE OF WORK CHANGES:

Programs for additional soil sampling are being discussed.

A change in hydraulic conductivity determination in newly constructed wells is proposed. Pumping tests are being proposed instead of slug testing.

ACTION NEXT PERIOD:

Field work for the second phase of the RI investigation will begin April 3. On-site work will include:

1. Sampling of existing on-site monitoring wells and five homeowner wells.
2. Borehole development and interval packer testing.
3. Drilling of new wells and completion of wells in existing boreholes.

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C & D RECYCLING SITE
EXPLANATION OF SUMMARY TABLES
DRUM SAMPLE

List of Analytical Parameters lists all of the compounds, elements and other parameters for which the drum content sample was analyzed.

Summary of Valid Analytical Results summarizes the results of chemical analyses of the drum contents. Designations for analytical results are as follows:

- * = Estimate only. Compounds with this designation are present but an exact number cannot be assigned to the quantity of the compound in the sample.
- ** = Value Below Contract Required Detection Limit. Compounds with this designation are present in the sample at such a low concentration that the quantity can only be estimated.

ppb = parts per billion.

If a compound was analyzed for (as shown on the List of Analytical Parameters) but is not listed on Summary of Valid Analytical Results, the compound was not detected in the sample.

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C&D Recycling Site

List of Analytical Parameters: Drum Contents

Inorganics	Pesticide Organics	Other
Aluminum	alpha-BHC	Ignitability
Antimony	beta-BHC	BTU
Arsenic	delta-BHC	
Barium	gamma-BHC (Lindane)	
Beryllium	Heptachlor	
Cadmium	Aldrin	
Calcium	Heptachlor epoxide	
Chromium	Endosulfan I	
Cobalt	Dieldrin	
Copper	4,4'-DDE	
Iron	Endrin	
Lead	Endosulfan II	
Magnesium	4,4'-DDD	
Manganese	Endosulfan sulfate	
Mercury	4,4'-DDT	
Nickel	Methoxychlor	
Potassium	Endrin ketone	
Selenium	alpha-Chlordane	
Silver	gamma-Chlordane	
Sodium	Toxaphene	
Thallium	Aroclor-1016	
Vanadium	Aroclor-1221	
Zinc	Aroclor-1232	
	Aroclor-1242	
Cyanide	Aroclor-1248	
	Aroclor-1254	
	Aroclor-1260	

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C & D Recycling Site

Summary of Valid Analytical Results: On-site Drum Sample, Drum-5

Parameter	Concentration
<u>Metals (ppb):</u>	
Aluminum	989
Arsenic	17 **
Barium	465
Calcium	965000
Chromium	19
Cobalt	7 **
Copper	849
Iron	21500
Lead	49
Magnesium	186000
Manganese	1540
Nickel	42
Potassium	1099200
Sodium	44500
Thallium	2.9 **
Vanadium	15 **
Zinc	1760
Cyanide	12
<u>Others:</u>	
Ignitability (°C)	>60
BTU (BTU/lb.)	2200

Sample Collection Date: 1-19-89

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FORM I

Client Sample No.
DRUM-5DATE 2/ 5/89

INORGANIC ANALYSIS DATA SHEET

LAB NAME: CompuChem LaboratoriesCASE NO: 164104 16073SOW NO: 785Lab Receipt Date 01/21/89LAB SAMPLE ID. NO. 242089QC REPORT NO 16073A

ELEMENTS IDENTIFIED AND MEASURED

CONCENTRATION: LOW XXXMEDIUM MATRIX: WATER XXX SOIL SLUDGE OTHER UNITS: ug/l

1. Aluminum	989	P	13. Magnesium	186000	P
2. Antimony	43U	P	14. Manganese	1540	P
3. Arsenic	[17] N	F	15. Mercury	.20U	CV
4. Barium	465	P	16. Nickel	.42	P
5. Beryllium	1.2U	P	17. Potassium	1099200	P
6. Cadmium	4.0U	P	18. Selenium	21U	F
7. Calcium	965000	P	19. Silver	5.5U	P
8. Chromium	19	P	20. Sodium	44500	P
9. Cobalt	[7.0]	P	21. Thallium	[2.9] N	F
10. Copper	849	P	22. Vanadium	[15]	P
11. Iron	21500	P	23. Zinc	1760	P
12. Lead	49	F			

cyanide 12Percent Solids(%)

Footnotes: For reporting results, standard result qualifiers are used as defined on Cover Page. Additional flags or footnotes explaining results are encouraged. Definitions of such flags must be explicit and contained on Cover Page, however.

Comments: OPAQUE, BROWNLAB MANAGER BH Pollock

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1D
PESTICIDE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

DRUM-5

Lab Name: COMPUCHEM LABORATORIES Contract: (10-86)-REV
 Lab Code: COMPU Case No.: 16073 SAS No.: _____ SDG No.: 19
 Matrix: (soil/water) SOIL Lab Sample ID: 242081
 Sample wt/vol: 15.0 (g/mL) G Lab File ID: _____
 Level: (low/med) LOW Date Received: 01/21/89
 % Moisture: not dec. 30 dec. _____ Date Extracted: 02/10/89
 Extraction: (SepF/Cont/Sonc) SONC Date Analyzed: 02/12/89
 GPC Cleanup: (Y/N) N pH: 5.2 Dilution Factor: 1.00

CONCENTRATION UNITS:
 CAS NO. COMPOUND (ug/L or ug/Kg) UG/KG Q

319-84-6-----	alpha-BHC	23.	U
319-85-7-----	beta-BHC	23.	U
319-86-8-----	delta-BHC	23.	U
58-89-9-----	gamma-BHC (Lindane)	23.	U
76-44-8-----	Heptachlor	23.	U
309-00-2-----	Aldrin	23.	U
1024-57-3-----	Heptachlor epoxide	23.	U
959-98-8-----	Endosulfan I	23.	U
60-57-1-----	Dieldrin	46.	U
72-55-9-----	4,4'-DDE	46.	U
72-20-8-----	Endrin	46.	U
33213-65-9-----	Endosulfan II	46.	U
72-54-8-----	4,4'-DDD	46.	U
1031-07-8-----	Endosulfan sulfate	46.	U
50-29-3-----	4,4'-DDT	46.	U
72-43-5-----	Methoxychlor	230	U
53494-70-5-----	Endrin ketone	46.	U
5103-71-9-----	alpha-Chlordane	230	U
5103-74-2-----	gamma-Chlordane	230	U
8001-35-2-----	Toxaphene	460	U
12674-11-2-----	Aroclor-1016	230	U
11104-28-2-----	Aroclor-1221	230	U
11141-16-5-----	Aroclor-1232	230	U
53469-21-9-----	Aroclor-1242	230	U
12672-29-6-----	Aroclor-1248	230	U
11097-69-1-----	Aroclor-1254	460	U
11096-82-5-----	Aroclor-1260	460	U

SAMPLE IDENTIFIER: DRUM-5
COMPUCHEM SAMPLE NUMBER: 242080

	CONCENTRATION
	<u>(°C)</u>
IGNITABILITY	>60°C

	CONCENTRATION
	<u>(BTU/lb)</u>
BTU	2200

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